TOSHIBA

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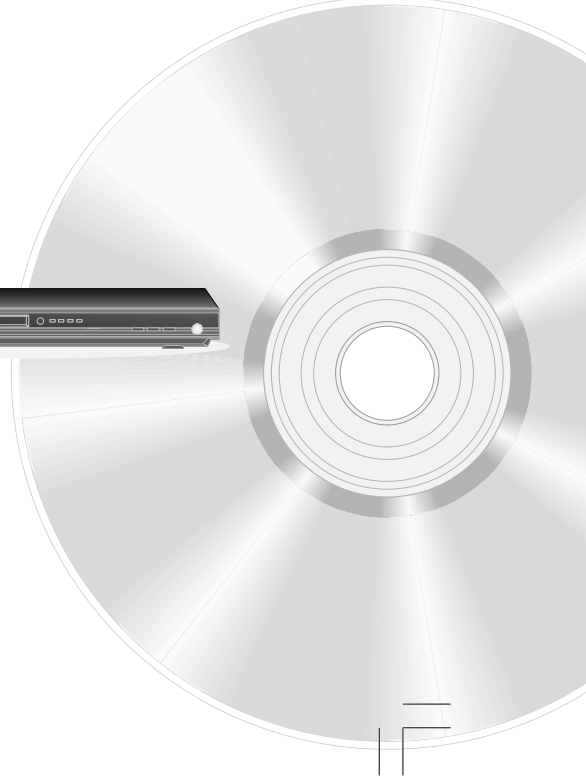
DVD PLAYER

SD-480EKE

OWNER'S MANUAL



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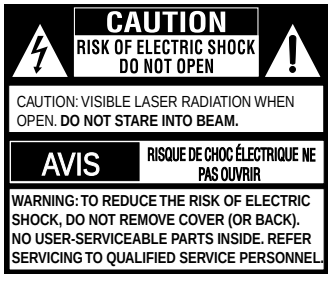
SAFETY PRECAUTIONS


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: VISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM.
AVIS
RISQUE DE CHOC ÉLECTRIQUE NE PAS OUVRIR
WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with an arrowhead symbol, within the equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in this owner's manual.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

WARNING: The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquid, such as vases, shall be placed on the apparatus.

CAUTION: This Digital Video Disc Player employs a Laser System.
To ensure proper use of this product, please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location.
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
To prevent direct exposure to laser beam, do not try to open the enclosure.
Visible and invisible laser radiation when open and interlocks defeated.
DO NOT STARE INTO BEAM.

WARNINGS:
- The main plug is used as disconnect device and it should remain readily operable during intended used. In order to disconnect the apparatus from the mains completely, the main plug should be disconnected from the mains socket outlet completely.
- The mains plug of apparatus should not be obstructed OR should be easily accessed during intended use.
- Minimum 10 cm (4 inches) distances around the apparatus for sufficient ventilations.
- The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains, etc.
- No naked flame sources such as lighted candles should be placed on the apparatus.
- The use of apparatus in moderate climates.

The symbol for Class II (Double Insulation)

EU Conformity Statement

CE

"This product is marked with "CE" and complies therefore with the applicable harmonized European standards listed under the Low Voltage Directive 2006/95/EC and the EMC Directive 2004/108/EC."

Responsible for CE-marking is TOSHIBA INFORMATION SYSTEMS (U.K.) LTD,
Toshiba Court, Weybridge Business Park, Addlestone Road, Weybridge,
Surrey, KT15 2UL, United Kingdom

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

Portable Cart Warning

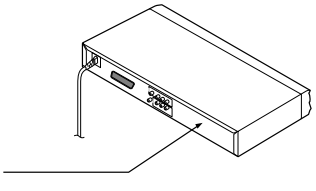
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

ADDITIONAL SAFETY INSTRUCTIONS

14. Do not overload wall outlets; extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
15. Never expose the apparatus to dripping or splashing or place items such as vases, aquariums, any other item filled with liquid, or candles on top of the unit.
16. Keep your fingers well clear of the disc tray as it is closing. Neglecting to do so may cause serious personal injury.
17. Do not place anything on top of this unit.
18. Do not place the apparatus on amplifiers or equipment that may produce heat.
19. Never block or cover the slots or openings in the unit.
    Never place the unit:
    - on a bed, sofa, rug or similar surface;
    - too close to drapes, curtains, or walls; or
    - in a confined space such as a bookcase, buit-in cabinet, or any other place with poor ventilation.

    The slots and openings are provided to protect the unit from overheating and to help maintain reliable operation.
20. Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and apparatus malfunction.
21. If the apparatus should emit smoke or an unusual odor, immediately disconnect the power cord from the wall outlet. Wait until the smoke or smell stops, then ask your dealer for a check and repair. Neglecting to do so may cause fire.
22. During thunderstorms, do not touch the connecting cables or the apparatus.
23. Warning: To prevent spread of fire, keep candles or other open flames away from this product at all times.

Location of the required label



The rating plate and the safety caution are on the rear of the unit.

IMPORTANT SAFETY INSTRUCTIONS

SOME DOS AND DON'TS ON THE SAFE USE OF EQUIPMENT

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured. So, please read the points below for your own safety. They are of a general nature, intended to help you with all your electronic consumer products and some points may not apply to the goods you have just purchased.

****

DO read the operating instructions before you attempt to use the equipment.
DO ensure that all electrical connections (including the mains plug, extension leads and inter- connections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug before making or changing connections.
DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.
DO be careful with glass panels or doors on equipment

****

DON'T remove any fixed cover as this may expose dangerous voltages.
DON'T obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.
DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on the equipment.
DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.
DON'T use makeshift stands and NEVER fix legs with wood screws - to ensure
complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.
DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving.
DON'T listen to headphones at high volume, as such use can permanently damage your hearing.
DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a stand-by mode. Switch off using the switch on the equipment and make sure that your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.
DON'T continue to operate the equipment if you are in any doubt about it working
normally, or if it is damaged in any way -switch off, withdraw the mains plug and consult your dealer.

ABOVE ALL
—NEVER let anyone especially children push anything into holes, slots or any other opening in the case - this could result in a fatal electrical shock;

—NEVER guess or take chances with electrical equipment of any kind
—it is better to be safe than sorry!

****

Precautions

Notes on handling

- When shipping the DVD player, the original shipping carton and packing materials come in handy. For maximum protection, repack the unit as it was originally packed at the factory. Take care not to give it a shock or shake when carrying.
- Do not use volatile liquids, such as insect spray, near the DVD player. Do not leave rubber or plastic products in contact with the DVD player for a long time. They will leave marks on the finish.
- The top and rear panels of the DVD player may become warm after a long period of use. This is not a malfunction.
- When the DVD player is not in use, be sure to remove the disc and turn off the power.
- If you do not use the DVD player for a long period, the unit may not function properly in the future. Turn on and use the DVD player occasionally.

Notes on locating

- Place the DVD player on a level surface. Do not use it on a shaky or unstable surface such as a wobbling table or inclined stand. The loaded disc may come off the proper position and cause damage to the DVD player.
- When you place this DVD player near a TV, radio, or VCR, the playback picture may become poor and the sound may be distorted. In this case, place the DVD player away from the TV, radio, or VCR.

Notes on cleaning

Use a soft, dry cloth for cleaning.

- For stubborn dirt, soak the cloth in a weak detergent solution, wring well and wipe. Use a dry cloth to wipe it dry.
  Do not use any type of solvent, such as thinners and benzene, as they may damage the surface of the DVD player.
- If you use a chemical saturated cloth to clean the unit, follow that product's instructions.

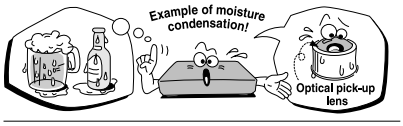
Inspection and Maintenance

This DVD player is a high technology, precision device. If the optical pick-up lens and disc drive parts become dirty or worn down, the picture quality may be reduced. To avoid reduction in picture quality, it is recommended that regular inspection and maintenance (cleaning or parts replacement) be performed every 1,000 hours of use. For further details, contact your nearest consumer electronics dealer.

Notes on moisture condensation

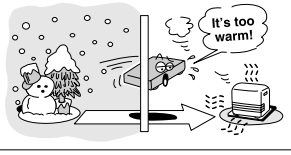
Moisture condensation damages the DVD player. Please read the following carefully.

Moisture condensation occurs, for example, when you pour a cold drink into a glass on a warm day. Drops of water form on the outside of the glass. In the same way, moisture may condense on the optical pick-up lens inside this unit, one of the most crucial internal parts of the DVD player.



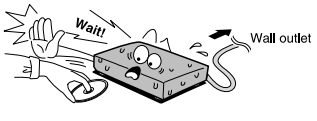
- Moisture condensation occurs during the following cases.

- When you bring the DVD player directly from a cold place to a warm place.
- When you use the DVD player in a room where you just turned on the heater, or a place where the cold wind from the air conditioner directly hits the unit.
- In summer, when you use the DVD player in a hot and humid place just after you move the unit from an air conditioned room.
- When you use the DVD player in a humid place.



- Do not use the DVD player when moisture condensation may occur.

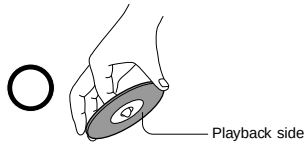
  If you use the DVD player in such a situation, it may damage discs and internal parts. Remove the disc, connect the power cord of the DVD player to the wall outlet, turn on the DVD player, and leave it for two or three hours. After two or three hours, the DVD player will have warmed up and evaporated any moisture. Keep the DVD player connected to the wall outlet and moisture condensation will seldom occur.



Notes on Discs

On handling discs

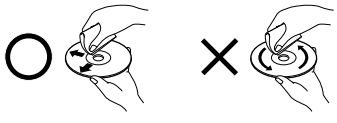
● Do not touch the playback side of the disc.



● Do not attach paper or tape to discs.

On cleaning discs

● Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the center outwards with a soft cloth. Always keep the disc clean.



● If you cannot wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened soft cloth and finish with a dry cloth.
● Do not use any type of solvent such as thinner, benzine, commercially available cleaners or antistatic spray for vinyl LPs. It may damage the disc.

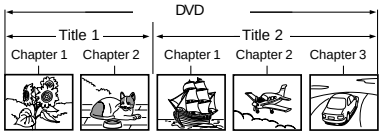
On storing discs

● Do not store discs in a place subject to direct sunlight or near heat sources.
● Do not store discs in places subject to moisture and dust such as a bathroom or near a humidifier.
● Store discs vertically in a case. Stacking or placing objects on discs outside of their case may cause warping.

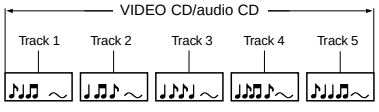
Structure of disc contents

Normally, DVDs are divided into titles, and the titles are sub-divided into chapters. VIDEO CDs and audio CDs are divided into tracks.

DVD



VIDEO CD/audio CD



Each title, chapter or track is assigned a number, which is called “title number”, “chapter number” or “track number” respectively.
There may be discs that do not have these numbers.

Notes on copyright

The unauthorized recording, use, distribution, or revision of copyrighted materials including, without limitation, television programs, videotapes, and DVDs, is prohibited under the Copyright Laws of the United States and other countries, and may subject you to civil and criminal liability.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Notes on Discs (continued)

About this owner's manual

This owner's manual explains the basic instructions of this DVD player. Some DVDs are produced in a manner that allows specific or limited operation during playback. As such, the DVD player may not respond to all operating commands. This is not a defect in the DVD player. Refer to instruction notes of discs.

" ⃠ " may appear on the TV screen during operation. A " ⃠ " means that the operation is not permitted by the DVD player or the disc.

About (DVD) (VCD) (CD)

The (DVD) (VCD) (CD) icons on the heading bar show the playable discs for the function described under that heading.

(DVD) : You can use this function with DVD video discs.
(VCD) : You can use this function with Video CDs.
(CD) : You can use this function with Audio CDs/CD-R/RW CDs.

Notes on region numbers

The region number of this DVD player is 2. If region numbers, which stand for their playable area, are printed on your DVD and you do not find 🌐 or 🌐, disc playback will not be allowed by the player. (In this case, the DVD player will display a message on-screen).

On VIDEO CDs

This DVD player supports VIDEO CDs equipped with the PBC (Version 2.0) function. (PBC is the abbreviation of Playback Control.) You can enjoy two playback variations depending on types of discs.

- VIDEO CD not equipped with PBC function (Version 1.1)
  Sound and movie can be played on this DVD player in the same way as an audio CD.
- VIDEO CD equipped with PBC function (Version 2.0)
  In addition to operation of a VIDEO CD not equipped with the PBC function, you can enjoy playback of interactive software with search function by using the menu displayed on the TV screen (Menu Playback). Some of the functions described in this owner's manual may not work with some discs.

Playable discs

This DVD player can play the following discs.

	Disc Mark	Contents	Disc Size	Maximum playback time
DVDs	DVD VIDEO	Audio + video (moving pictures)	12 cm	Approx. 4 hours (single sided disc)
				Approx. 8 hours (double sided disc)
			8 cm	Approx. 80 minutes (single sided disc)
				Approx. 160 minutes (double sided disc)
VIDEO CDs	COMPACT disc DIGITAL VIDEO	Audio + video (moving pictures)	12 cm	Approx. 74 minutes
			8 cm	Approx. 20 minutes
Audio CDs	COMPACT disc DIGITAL AUDIO	Audio	12 cm	Approx. 74 minutes
			8 cm (CD single)	Approx. 20 minutes
SUPER VIDEO CDs	COMPACT disc SUPER VIDEO	Audio + video (moving pictures)	12 cm	35 min.
			8 cm	10 min.
DivX®	DivX	Audio + video (moving pictures)	12 cm	It depends on DivX® quality
			8 cm	

The following discs are also available.
- DVD±R/±RW and DVD-ROM discs of DVD format
- CD-R/CD-RW discs of CD-DA, Video CD, MP3 or JPEG format
- Official DivX® Certified product
- Plays all versions of DivX® video (including DivX® 6) with standard playback of DivX® media files

Some of these discs may be incompatible.

- You cannot play discs other than those listed above.
- You cannot play DVD-RAM discs or non-standardized discs, etc., even if they may be labeled as above.
- This DVD player uses the NTSC/PAL colour system, and cannot play DVDs recorded in any other colour system (SECAM, etc.).

Because of problems and errors that can occur during the creation of DVD and CD software and/or the manufacture of DVD and CD discs, Toshiba cannot assure that this DVD player will successfully play every disc bearing the DVD and CD logos. If you happen to experience any difficulty playing a DVD and/or CD disc on this DVD player, please contact Toshiba Customer Service.

DVD is a trademark of DVD Format/Logo Licensing Corporation.

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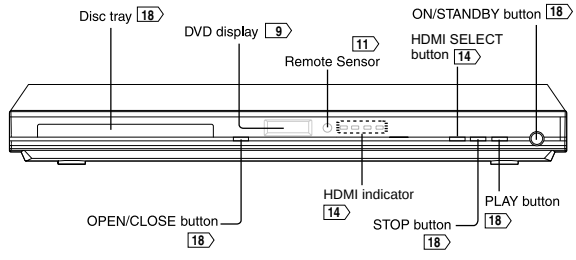
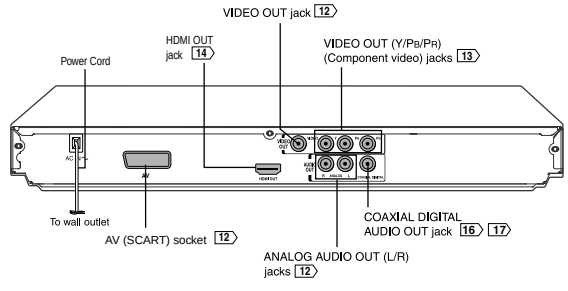
Identification of Controls

See the page in ⬚ for details.

Front panel



Rear panel


VIDEO OUT jack 12
HDMI OUT jack 14
VIDEO OUT (Y/PB/PR) (Component video) jacks 13
Power Cord
To wall outlet
AV (SCART) socket 12
COAXIAL DIGITAL AUDIO OUT jack 16 17
ANALOG AUDIO OUT (L/R) jacks 12

DVD display

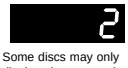
The indicators vary depending on the kinds of discs you play.

No disc

Bad disc

DVD VIDEO

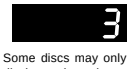
- During playback: Example



Some discs may only display chapter numbers.

VIDEO CD

- During playback: Example



Some discs may only display track numbers.

Audio CD

- During playback: Example

Some discs may only display track numbers.

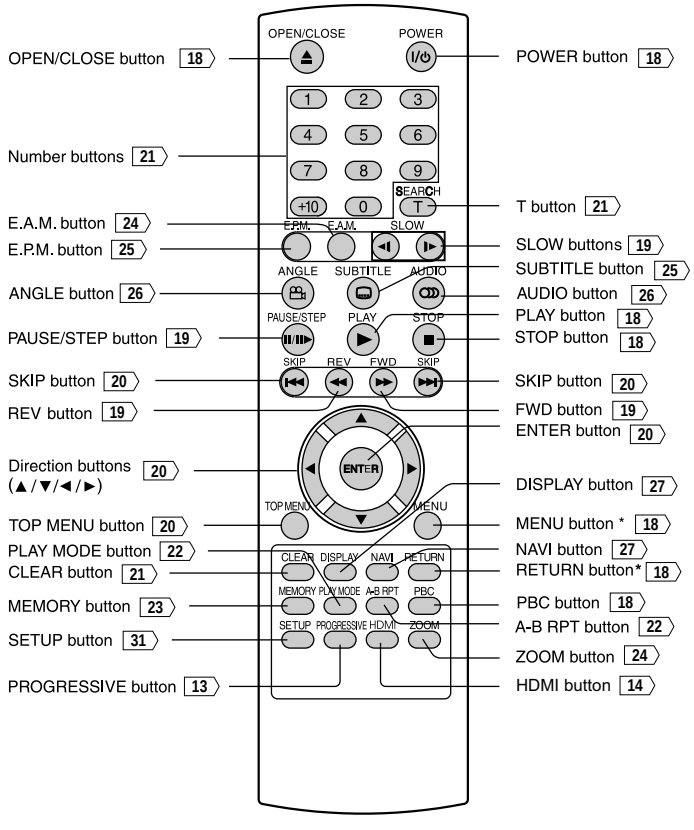
OPEN

LOAD/CLOSE

Identification of Controls (continued)

The instructions in this manual describe the functions on the remote control. See the page in ⬭ for details.

Remote control

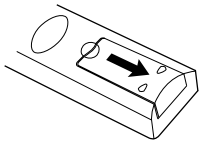


* RETURN button
Return to menu display for VCD (2.0) discs with menu.

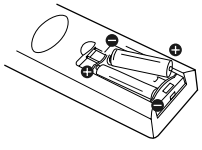
* MENU button
Use the MENU button to display the menu included on many DVDs. To operate a menu, follow the instructions in “Locating a title using the top menu.” ⬭20

Loading batteries

1 **Open the cover.**



2 **Insert batteries (R03/AAA size).**



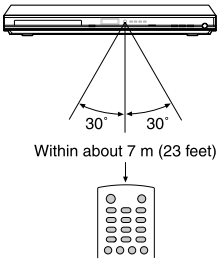
Make sure to match the + and – on the batteries to the marks inside the battery compartment.

Caution
- Never throw batteries into a fire.

Notes
- Be sure to use R03/AAA size batteries.
- Dispose of batteries in a designated disposal area.
- Batteries should always be disposed of with the environment in mind. Always dispose of batteries in accordance with applicable laws and regulations.
- If the remote control does not operate correctly, or if the operating range becomes reduced, replace both batteries with new ones.
- When necessary to replace batteries in the remote control, always replace both batteries with new ones. Never mix battery types or use new and used batteries in combination.
- Always remove batteries from remote control if they are dead or if the remote control is not to be used for an extended period of time. This will prevent battery acid from leaking into the battery compartment.
- Battery shall not be exposed to excessive heat such as sunshine, fire or the like.

Operating with the remote control

Point the remote control at the remote sensor and press the buttons.



Distance: About 7 m (23 feet) from the front of the remote sensor
Angle: About 30° in each direction of the front of the remote sensor

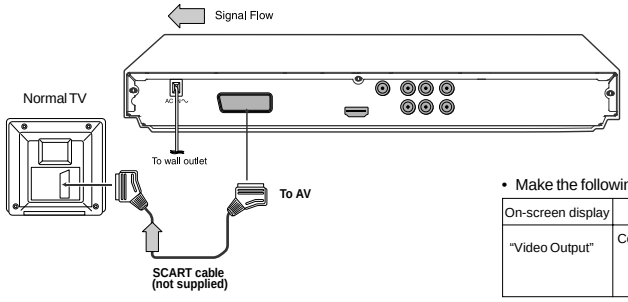
* Do not expose the remote sensor of the DVD player to a strong light source such as direct sunlight or other illumination. If you do so, you may not be able to operate the DVD player via the remote control.

Notes on the remote control
- Direct the remote control at the remote sensor of the DVD player.
- When using the remote control, press the buttons at intervals of about 1 second to ensure the correct mode of operation.
- Do not drop or give the remote control a shock.
- Do not leave the remote control near an extremely hot or humid place.
- Do not spill water or put anything wet on the remote control.
- Do not open the remote control.

Connecting to a TV

Connect the DVD player to your TV.

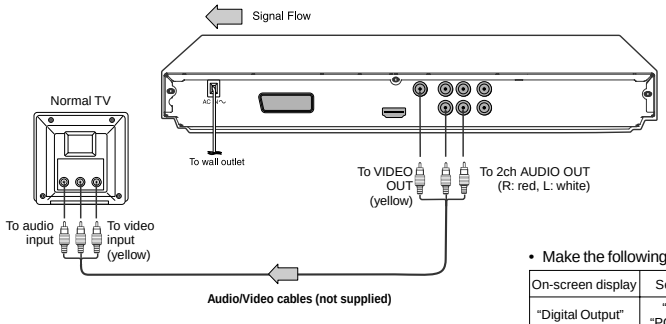
Connecting to a TV (Using the SCART socket)



• Make the following setting.

On-screen display	Select:	Page
"Video Output"	Component RGB P-Scan HDMI	34

Connecting to a TV (Using the phono type jacks)



• Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"Off", "PCM" or "Bitstream"	34
"Video Output"	Component RGB P-Scan HDMI	34

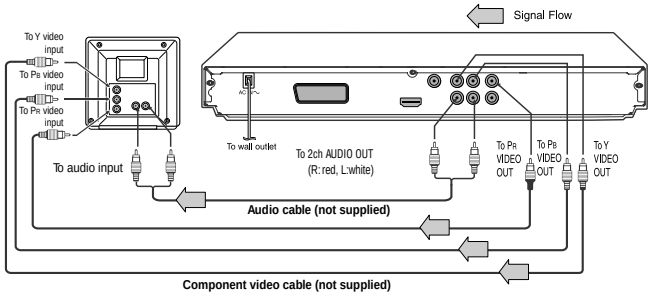
Notes

- Refer to the owner's manual of the connected TV as well.
- When you connect the DVD player to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.
- If your television set has one audio input, connect the left and right audio outputs of the DVD player to a Y cable adapter (not supplied) and then connect to your TV.
- Connect the DVD player directly to your TV. If you connect the DVD player to a VCR, TV/VCR combination or video selector, the playback picture may be distorted as DVDs are copy protected.
- Analogue audio out will not have sound if DTS playback is selected.

Interlaced outputs (ColorStream®)
Some TVs or monitors are equipped with component video inputs. Connecting to these inputs allows you to enjoy higher quality picture playback.
Actual labels for component video inputs may vary depending on the TV manufacturer. (ex. Y, R-Y, B-Y or Y, C_B, C_R)
In some TVs or monitors, the color levels of the playback picture may be reduced slightly or the tint may change. In such a case, adjust the TV or monitor for optimum performance.

Progressive outputs (ColorStream Pro®)
Some TVs or monitors are equipped with component video inputs that are capable of reproducing a progressively scanned video signal. Connecting to these inputs allows you to view the highest quality pictures with less flicker.
Consumers should note that not all high definition television sets are fully compatible with this product and may cause artifacts to be displayed in the picture. In case of 576 or 480 progressive scan picture problems, it is recommended that the user switch the connection to the "standard definition" output. If there are questions regarding our TV set compatibility with this model 576p or 480p DVD player, please contact our Customer Service Center.

Connecting to a TV (Using the component video jacks)



■ **Switching the output signal (interlaced / progressive) using the remote control**
You can temporarily switch the output signal for better picture quality.
Press **PROGRESSIVE** on the remote control repeatedly to select Video Output to P-Scan mode during stop.

If your TV does not support the progressive scan format, the picture will appear scrambled or blank. To return to normal picture, press **PROGRESSIVE** button repeatedly to turn off progressive mode.

• Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"PCM" or "Bitstream"	34
"Video Output"	Component *P-Scan (Progressive)	34

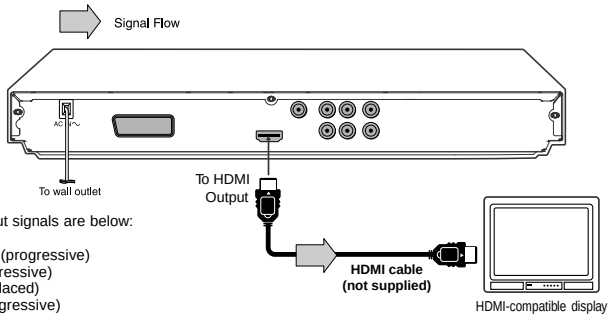
* Only for TV equipped with component video input jacks which support the progressive scan.

Notes
- Refer to the owner's manual of the connected equipment as well.
- When you connect the DVD player to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
- If you place the DVD player near a tuner or radio, the radio broadcast sound might be distorted. In this case, place the DVD player away from the tuner and radio.
- The output sound of the DVD player has a wide dynamic range. Be sure to adjust the receiver's volume to a moderate listening level. Otherwise, high volume sound may damage your hearing as well as the speakers.
- Turn off the amplifier before you connect or disconnect the DVD player's power cord. If you leave the amplifier power on, the speakers may be damaged.
- When the TV system is set to NTSC mode, all output will be forced to NTSC type (eg. 525p(480p), 525i(480i), etc.)
- When the TV system is set to PAL mode, all output will be forced to PAL type (eg. 625p(576p), 625i(576i), etc.)
- Analogue audio out will not have sound if DTS playback is selected.

About HDMI
HDMI (High Definition Multimedia Interface) supports both video and audio on a single digital connection for use with DVD players, DTV, set-top boxes, and other AV devices. HDMI was developed to provide the technologies of High Bandwidth Digital Content Protection (HDCP) as well as Digital Visual Interface (DVI) in one specification. HDCP is used to protect digital content transmitted and received by DVI-compliant or HDMI-compliant displays.

HDMI has the capability to support standard, enhanced, or high-definition video plus standard to multi-channel surround-sound audio. HDMI features included uncompressed digital video, a bandwidth of up to 2.2 gigabytes per second (with HDTV signals), one connector (instead of several cables and connectors), and communication between the AV source and AV devices such as DTVs.
HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC.

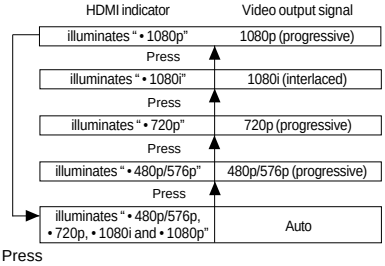
Connecting to a display (Using a HDMI™ cable)



Available output signals are below:
- Auto
- 480p/576p (progressive)
- 720p (progressive)
- 1080i (interlaced)
- 1080p (progressive)

■ **Switching the video quality (HDMI mode) using the HDMI button on the remote control or the HDMI SELECT button on the front panel.**

Press **HDMI** button on the remote control or **HDMI SELECT** button on the front panel to receive a suitable video quality in STOP mode. The video quality is required to match your TV having HDMI feature and suitable quality. Please also check your TV owner's manual.
Press this button to change the output signals as below. See the HDMI indicator and select the appropriate output signal.



480p/576p, 720p, 1080i and 1080p are signals created with this DVD Player from original 480i/576i signal. The resolution of the picture may not be increased even if they are selected.

- Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"PCM"	34
"Video Output"	HDMI	34

Notes
- Refer to the owner's manual of the connected TV as well.
- When you connect the DVD player to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.
- If you have a HDMI (with HDCP) equipped monitor or display, you can connect it to this player using a HDMI cable.
- The HDMI connector outputs uncompressed digital video, as well as almost every kind of digital audio that the player is compatible with, including DVD-Video, Video CD/Super VCD, CD, MP3 and DivX®.
- This unit has been designed to be compliant with HDMI (High Definition Multimedia Interface) depending on the component you have connected. Using a HDMI connection may result in unreliable signal transfers.
- Because HDMI is an evolving technology, it is possible that some devices with an HDMI input may not operate properly with this DVD player.
- When using HDMI cable, do not connect to other analogue video outputs.
- No sound will be output from the HDMI cable if the digital out is not set to PCM.
- HDMI output is only available when the Video Output is set to "HDMI". Otherwise the HDMI button is invalid.

Content of the output for each output jack is shown in the following table and differ depending on the On-Screen Display Setting:

On-Screen Display Setting		Content of output for each output jack			
"Video Output" Setting	HDMI Output Setting *	HDMI Output	Video Output	Component Output	AV Output
RGB	Invalid	-	Composite	-	RGB
Component (Interlaced)	Invalid	-	Composite	576i	Composite
P-Scan (Progressive)	Invalid	-	Composite	576p	Composite
HDMI	576p	576p	Composite	576p	Composite
	720p	720p	-	-	-
	1080i	1080i	-	-	-
	1080p	1080p	-	-	-

* Settings for HDMI output format are performed using the **HDMI** button on the remote control or the **HDMI SELECT** button on the front panel.

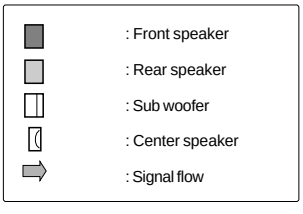
Note

If Auto is selected, it follows preference HDMI aspect ratio of TV.

Connecting to Optional Equipment

You can enjoy high quality dynamic sounds by connecting the DVD player to optional audio equipment.

- For connection to your TV, see "Connecting to a TV" .
- This section uses the following reference marks.



Warning

- When you are connecting (via the COAXIAL DIGITAL AUDIO OUT jack) an AV decoder that does not have Dolby Digital, Digital Theater Systems (DTS) or MPEG2 decoding function, be sure to set "Digital Output" to "PCM" from the on-screen displays. Otherwise, high volume sound may damage your hearing as well as the speakers.
- When playing DTS-encoded discs (DVDs and audio CDs), excessive noise may be output from the analog audio output jacks. To avoid possible damage to the audio system, you should take proper precautions when the analog audio output jacks of the DVD player are connected to an amplification system. To enjoy DTS Digital Surround™ playback, an external 5.1 channel DTS Digital Surround™ decoder system must be connected to the COAXIAL DIGITAL AUDIO OUT jack of the DVD player.

Notes

- DO NOT connect the COAXIAL DIGITAL AUDIO OUT jack of the DVD player to the AC-3 RF input of a Dolby Digital Receiver. This input on your A/V Receiver is reserved for Laserdisc use only and is incompatible with the COAXIAL DIGITAL AUDIO OUT jack of the DVD player.
- Connect the COAXIAL DIGITAL AUDIO OUT jack of the DVD player to the "DIGITAL (COAXIAL)" input of a Receiver or Processor.
- Refer to the owner's manual of the connected equipment as well.
- When you connect the DVD player to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
- The output sound of the DVD player has a wide dynamic range. Be sure to adjust the receiver's volume to a moderate listening level. Otherwise, the speakers may be damaged by a sudden high volume sound.
- Turn off the amplifier before you connect or disconnect the DVD player's power cord. If you leave the amplifier power on, the speakers may be damaged.

Connecting to Optional Equipment (Continued)

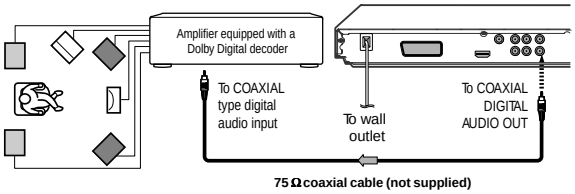
Connecting to an amplifier equipped with a Dolby® Digital decoder

Dolby Digital
Dolby Digital is the surround sound technology used in theaters showing the latest movies, and is now available to reproduce this realistic effect in the home. You can enjoy motion picture and live concert DVDs with this dynamic realistic sound by connecting the DVD player to a 6 channel amplifier equipped with a Dolby Digital decoder or Dolby Digital processor. If you have a Dolby Surround Pro Logic decoder, you will obtain the full benefit of Pro Logic from the same DVD movies that provide full 5.1-channel Dolby Digital soundtracks, as well as from titles with the Dolby Surround mark.

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

- Use DVDs encoded via the Dolby Digital recording system.
- Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"PCM" or "Bitstream"	34


Amplifier equipped with a Dolby Digital decoder
To COAXIAL type digital audio input
To wall outlet
To COAXIAL DIGITAL AUDIO OUT

75Ω coaxial cable (not supplied)

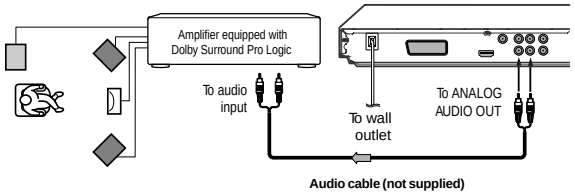
Connecting to an amplifier equipped with Dolby Surround Pro Logic

Dolby Surround Pro Logic
You can enjoy the dynamic realistic sound of Dolby Surround Pro Logic by connecting an amplifier and speaker system (right and left front speakers, a center speaker, and one or two rear speakers).

- With an amplifier equipped with Dolby Digital
  Connect the equipment the same way as described in "Connecting to an amplifier equipped with a Dolby® Digital decoder." Refer to that amplifier's owner's manual and set the amplifier so you can enjoy Dolby Surround Pro Logic sound.
- With an amplifier not equipped with Dolby Digital
  Connect the equipment as follows.

- Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"PCM" or "Bitstream"	34



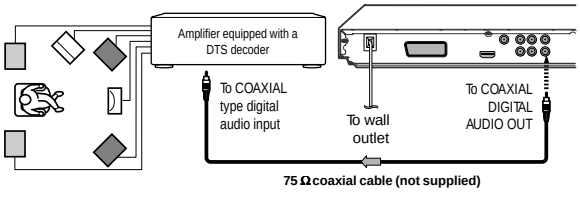
Audio cable (not supplied)

* Connect one or two rear speakers.
The output sound from the rear speakers will be monaural even if you connect two rear speakers.

Connecting to an amplifier equipped with a DTS® decoder

Digital Theater Systems (DTS)
DTS is a high quality surround technology used in theaters and now available for home use, on DVDs or audio CDs.
If you have a DTS decoder or processor, you can obtain the full benefit of 5.1 channel DTS encoded sound tracks on DVDs or audio CDs.

Manufactured under license under U.S. Patent #: 5,451,942 & other U.S. and worldwide patents issued & pending. DTS and DTS Digital Out are registered trademarks and the DTS logos and Symbol are trademarks of DTS, Inc. © 1996-2007 DTS, Inc. All Rights Reserved.

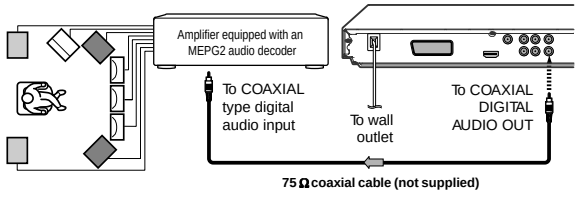

Amplifier equipped with a DTS decoder
To COAXIAL type digital audio input
To wall outlet
To COAXIAL DIGITAL AUDIO OUT
75 Ω coaxial cable (not supplied)

- Use DVDs or audio CDs encoded via the DTS recording system.
- Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"Bitstream"	34

Connecting to an amplifier equipped with an MPEG2 audio decoder

MPEG2 sound
You can enjoy motion picture and live concert DVDs with dynamic realistic sound by connecting an amplifier equipped with an MPEG2 audio decoder or MPEG2 audio processor.

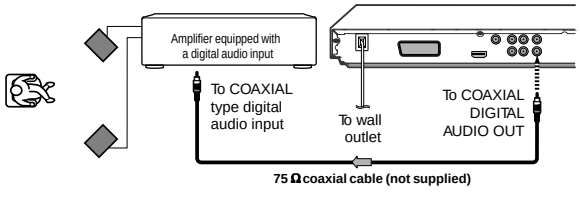

Amplifier equipped with an MEPG2 audio decoder
To COAXIAL type digital audio input
To wall outlet
To COAXIAL DIGITAL AUDIO OUT
75 Ω coaxial cable (not supplied)

- Use DVDs encoded via the MPEG2 recording system.
- Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"PCM" or "Bitstream"	34

Connecting to an amplifier equipped with a digital audio input

2 channel digital stereo
You can enjoy the dynamic sound of 2 channel digital stereo by connecting an amplifier equipped with a digital audio input and speaker system (right and left front speakers).


Amplifier equipped with a digital audio input
To COAXIAL type digital audio input
To wall outlet
To COAXIAL DIGITAL AUDIO OUT
75 Ω coaxial cable (not supplied)

- Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"PCM"	34

Playing a Disc

This section shows you the basics on how to play a disc.

CAUTION
Keep your fingers well clear of the disc tray as it is closing. Neglecting to do so may cause serious personal injury.

DVD VCD CD Basic playback

Preparations
- When you want to view a disc, turn on the TV and select the video input connected to the DVD player.
- When you want to enjoy the sound of discs from the audio system, turn on the audio system and select the input connected to the DVD player.

1 Press the ON/STANDBY button on the front panel or the POWER button on the remote control.

POWER

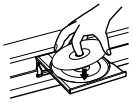
The DVD player turns on.

2 Press OPEN/CLOSE.

OPEN/CLOSE

The disc tray opens.

3 Place the disc on the disc tray.



With the playback side down

- There are two different disc sizes. Place the disc in the correct guide on the disc tray. If the disc is out of the guide, it may damage the disc and cause the DVD player to malfunction.
- Do not place a disc which is unplayable in this DVD player.

4 Press OPEN/CLOSE to close the disc tray.

OPEN/CLOSE

Playback starts.

If you insert a DVD that contains a top menu, a menu may appear. Use ▲/▼/◄/► to select the title you want to view, then press ENTER to start playback.

- You may need to press the TOP MENU or MENU button to display disc menu (depending on the actual DVD.)

Notes
- If the disc tray is holding a disc you have already played, playback will begin from the location where you last stopped. For resuming playback, see 19.
- Some video CD are recorded with **PBC (Playback Control),** a menu with recorded contents may appear on the TV if you have turned the PBC on. You can make your selection according to its PBC menu. Press the **PBC** button on the remote control to turn PBC on or off anytime during Video CD playback. When switching from PBC off to PBC on mode, playback will start from the beginning of the disc.

  To turn on the menu display again, press the **RETURN** button.

■ To obtain a higher quality picture

Occasionally, some picture noise not usually visible during a normal broadcast may appear on the TV screen while playing a DVD because the high resolution pictures on these discs include a lot of information. While the amount of noise depends on the TV you use with this DVD player, you should generally reduce the sharpness adjustment on your TV when viewing DVDs.

■ To start playback in the stop mode

Press **PLAY.**

PLAY

■ To pause playback (still mode)

Press **PAUSE/STEP** during playback.

PAUSE/STEP

To resume normal playback, press the PLAY button.
- The sound is muted during still mode.

■ To stop playback

Press **STOP**.

STOP

■ To remove the disc

Press **OPEN/CLOSE.**

OPEN/CLOSE

Remove the disc after the disc tray opens completely.

Be sure to press the OPEN/CLOSE button to close the disc tray after you remove the disc.

■ To turn the power off

Press **ON/STANDBY** on the front panel or the **POWER** button on the remote control to turn the unit off.

■ Automatic Power Off function

If the DVD player is stopped, or the screen saver is engaged for approximately 20 minutes, the DVD player will automatically turn itself off.

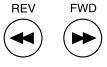
Notes
- Do not move the DVD player during playback. Doing so may damage the disc.
- Use the OPEN/CLOSE button to open and close the disc tray. Do not push the disc tray while it is moving. Doing so may cause the DVD player to malfunction.
- Do not push up on the disc tray or put any objects other than discs on the disc tray. Doing so may cause the DVD player to malfunction.
- In many instances, a menu screen will appear after playback of a movie is completed. Prolonged display of an on-screen menu may damage your television set, permanently etching that image onto its screen. To avoid this, be sure to press the STOP button on your remote control once the movie is completed.

Variable Speed Playback

You can play discs at various speeds, and resume playback from the location where you stopped playback.

DVD VCD CD Playing in fast reverse or fast forward directions

Press REV or FWD during playback.



REV: Fast reverse playback
FWD: Fast forward playback

Each time you press the REV or FWD button, the playback speed changes.

■ **To resume normal playback**

Press **PLAY**.

Notes
- The DVD player mutes sound and subtitles during reverse and forward scan of DVDs.
- The playback speed may differ depending on the disc.

DVD VCD Playing frame by frame

Press PAUSE/STEP during still playback.

Each time you press the PAUSE/STEP button, the picture advances one frame.

■ **To resume normal playback**

Press **PLAY**.

Note: The sound is muted during frame by frame playback.

DVD VCD Playing in slow-motion

Press SLOW during playback.

Each time you press the SLOW button, the slow-motion speed changes in the following sequence:

◀‖1/8 ← ◀‖1/4 ← ◀‖1/2 ‖▶1/2 → ‖▶1/4 → ‖▶1/8

■ **To resume normal playback**

Press **PLAY**.

Notes
- The sound is muted during slow-motion playback.
- 3 speeds are available.

DVD VCD CD Resuming playback from the same location

1 Press STOP at the location where you want to interrupt playback.

The DVD player memorizes the location where playback is stopped.

2 Press PLAY.

The DVD player resumes playback from the location where you stopped playback.

Notes
- There may be a difference in the location where playback resumes depending on the disc.
- Settings you changed using the on-screen displays while the DVD player keeps a location in the memory may function only after the memory is cleared.

■ **To start playback from the beginning regardless of the location where you stopped playback.**

1 Press **STOP** twice.

STOP

The DVD player deletes the memory of the location.

2 Press **PLAY.**

PLAY

DVD Playback starts from the beginning of the current title.

VCD Playback starts from the beginning of the disc.

CD Playback starts from the beginning of the current track.

• If you want to return to the beginning of a DVD, open and close the disc tray once with the OPEN/CLOSE button before pressing the PLAY button.

Locating a Desired Section

Normally, DVDs are divided into titles, and the titles are sub-divided into chapters. VIDEO CDs and audio CDs are divided into tracks. You can quickly locate any specific title, chapter, or track.

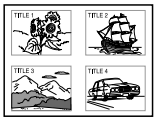
DVD Locating a title using the top menu

1 Press TOP MENU.

TOP MENU

The top menu appears on the TV screen.

e.g.



2 Press ▲ / ▼ / ◄ / ► to select the title you want.

ENTER

If the titles in the top menu are assigned a number, you can directly locate a specific title by pressing its designated number with the number buttons.

3 Press ENTER.

ENTER

Playback starts from chapter 1 of the selected title.

Notes

- The instructions above describe basic procedures which may vary depending on the contents of the DVD. If different instructions appear on the TV screen, follow those instructions.
- If you display the top menu during playback and press the TOP MENU button again without selecting any title, the DVD player may resume playback from the point where you first pressed the TOP MENU button (depending on the actual DVD.)
- This method of locating a title is available only on a disc that contains a top menu.
- Instruction notes of discs may refer to the button that displays the top menu as TITLE button.

DVD VCD CD Locating a specific chapter or track

Press SKIP ►►I or I◄◄ repeatedly to access the chapter or track number you want.

Playback starts from the selected chapter or track.

SKIP

To locate succeeding chapters or tracks.

SKIP

Playback starts from the beginning of the current chapter or track.
When you press twice in quick successions, playback starts from the beginning of the preceding chapter or track.

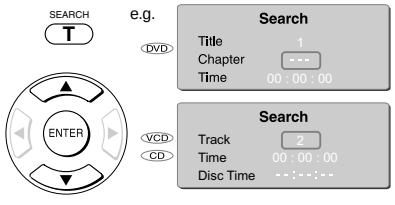
Note

- Some titles may not display chapter numbers.

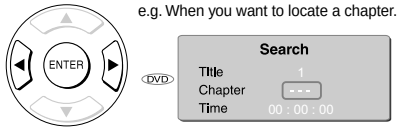
Accessing a Specific Location Directly

DVD VCD CD Locating a specific title/chapter/time

1 Press T.
Press ▲/▼ to highlight the Title/Chapter/ Track/Time.

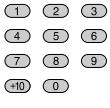


2 Press ◄/► to select a section you want to locate.



Or

Press the number buttons to enter title, chapter (track) number or time.



3 Press ENTER.

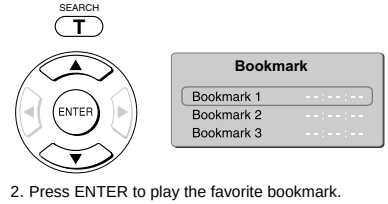
Playback starts from the selected section.

Notes
- Pressing the CLEAR button resets the numbers. To clear the display, press the T button several times.
- For VCD with PBC on, accessing tracks using number buttons does not work.

■ **Accessing chapters/tracks using number buttons:**
For chapter/track numbers 10 to 19, press +10 once and the number 10 appears then enter one digit. Press ENTER.
For chapter/track numbers 20 to 29, press +10 twice and the number 20 appears then enter one digit. Press ENTER.
For example, if you want to select chapter/track 25, first press +10 twice then press the number button "5". Then press ENTER.

■ **Accessing the time using number buttons:**
Just enter 2 digits in order.
The first two numbers you entered represent seconds.
The second two numbers you entered represent minutes.
The third two numbers you entered represent hours.

■ **To set and play favourite bookmark during playback**
1. Press T twice, the display of Bookmark appears, then press ENTER to mark the desired scene.



2. Press ENTER to play the favorite bookmark.

■ **To set other bookmarks.**
Follow step 1 and move through the menu by pressing the ▲ or ▼ button.

■ **Press T again to remove this display.**

■ **To cancel the Bookmark**
Follow step 1, then press the CLEAR button to cancel the bookmark. Move through the menu by pressing the ▲ or ▼ button to cancel other bookmarks.

Notes
- Some discs may not work with marking operation.
- The marking is cancelled when you open the disc tray or turn the power off.
- Some subtitles recorded around the marker may fail to appear.

Repeating a Specific Segment

You can specify a desired segment and repeat it.

DVD VCD CD Repeating a specific segment

1 Press A-B RPT at the beginning of the segment (point A) you want to play repeatedly.

A-B RPT

Rep A-

2 Press A-B RPT again at the end of the segment (point B).

A-B RPT

The DVD player automatically returns to point A and starts repeat playback of the selected segment (A-B).

Rep A-B

■ **To resume normal playback**

Press **A-B RPT** until Rep AB Off is displayed.

A-B RPT

RepAB Off

Notes

- Some discs may not permit A-B repeat operation.
- You cannot set the A-B repeat function for a segment that includes multiple camera angles.
- You can specify a segment only within the current title or track (VIDEO CD).
- There may be a slight difference between point A and the location where playback actually resumes depending on the disc.

Playing in a Varied Order

You can play titles, chapters within a title, or tracks in a varied order.

For Audio CD, please see “Playing MP3 files” 28.

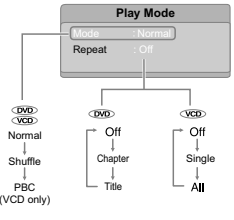
DVD VCD Playing titles, chapters or tracks in a varied order

1 Press PLAY MODE.

PLAY MODE

Press ▲ / ▼ button to select desired features and then press ENTER button to toggle desired mode.

e.g.



Shuffle: Playbacks in random order.
PBC: Playbacks in PBC On mode (VCD only).
Chapter: Repeats the current chapter.
Title: Repeats the current title.
Single: Repeats the current track.
All: Repeats the entire disc.
Off: Resumes normal playback.

2 Press PLAY.

PLAY

Press the PLAY button, the DVD player starts playback in the selected mode.

■ **To resume normal playback**

Press **ENTER** until the **Off/Normal** is displayed.

Note

Some discs may not permit these operations.

Playing in a Favourite Order

You can combine your favorite titles, chapters, or tracks and play them in the order you determine. You can program up to 12 selections into the memory. (Memory playback)

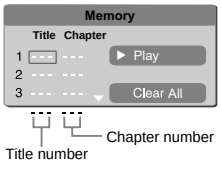
DVD VCD Setting titles, chapters or tracks in a favourite order

1 Insert a disc and press MEMORY during stop.

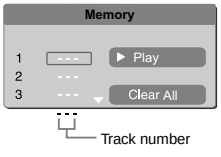
MEMORY

The following display appears.

e.g. DVD



e.g. VCD



2 Select the items in the order you want by pressing the number buttons.

Each time you press the ▲ / ▼ / ◄ / ► button, the space is highlighted in turn. Highlight where you want to enter, then press the corresponding number buttons.

To select another chapter in the same title, you need to select the title number.

To select tracks from a VIDEO CD/audio CD in order, press the **number buttons** for the track.

3 Press ▲ / ▼ / ◄ / ► to move the highlighted bar to Play, then press the ENTER.

The DVD player starts memory playback.

■ To change the programmed selections

1. While the display appears on the TV screen, press ▲ / ▼ / ◄ / ► to move the highlighted bar to the item you want to change, then press CLEAR.
2. Press number buttons to input the new title/chapter/track number.

■ To cancel the programmed selections

1. While the display appears on the TV screen, press ▲ / ▼ / ◄ / ► to move the highlighted bar to the item you want to cancel.
2. Press CLEAR.

■ To resume normal playback from memory playback

Press **MEMORY** button.
Press ▲ / ▼ / ◄ / ► to move the highlighted bar to **Clear All**, then press **ENTER**. All the input programs will be cleared.
Press **PLAY** button to resume normal playback.

PLAY

Normal playback will start from first location.

■ To program during playback

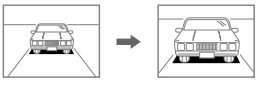
If you press the **MEMORY** button during playback, a programming display appears.
Follow steps 2 and 3.

Notes

- Some discs may not permit memory playback operation.
- If you select repeat during memory playback, the DVD player repeats the current memory playback.
- If you press the MEMORY button while the display appears on the TV screen, the display disappears.
- The programmed selections will be cleared when you open the disc tray or turn off the DVD player.

Zooming a Picture

You can magnify areas within a picture.



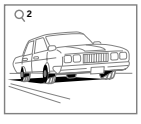
DVD VCD Zooming a picture

Press ZOOM during normal, slow or still playback.

ZOOM

The centre part of the image will be zoomed in.

e.g.



Each time you press the ZOOM button, the magnification level changes as follows:

1 → 2 → 3 → Off

Press the ZOOM button to select the magnification level.

Press the ▲/▼/◄/► buttons to view a different part of the image. You may move the image from the centre position to UP, DOWN, LEFT and RIGHT direction.

When you reach the edge of the image, the display will not shift anymore in that direction.

■ To resume normal playback

Press ZOOM repeatedly until the Off is displayed. Original picture is restored.

ZOOM

Notes

- Some discs may not respond to zoom feature.
- During some scenes, the buttons may not work as described.
- Zooming does not work on subtitles or menus included on DVDs.
- The magnification level varies depending on the picture size you select.

Selecting the Sound Enhancement (E.A.M.*)

You can easily switch a preferred audio enhancement.

*E.A.M.: Enhanced Audio Mode

DVD VCD Selecting the sound enhancement

1 Press E.A.M.

E.A.M.

The sound enhancement will appear:

3D effect

Press the E.A.M. button again, the sound enhancement change to Off.

3D*:
To obtain expansive virtual surround sound effects from two speakers.
To use this enhancement on sounds output from the ANALOG AUDIO OUT jacks, be sure to set "Digital Output" to "PCM".
* Effective in playback of a DVD or a VIDEO CD.

■ To exit the audio enhancement selection

Leave the DVD player unattended for about a few seconds after having made a selection.

Notes

- Actual effects to sounds may vary depending on the speaker system. Make selection according to your preference.
- Actual effects to sounds may vary depending on the disc.
- When the DVD player is connected to an amplifier equipped with Dolby Surround Pro Logic, select "3D effect". Otherwise, Dolby Surround Pro Logic may function differently than usual.

Selecting the Picture Enhancement (E.P.M.*)

You can easily select a preferred picture enhancement.

*E.P.M.: Enhanced Picture Mode

DVD VCD CD Selecting the picture enhancement

1 Press E.P.M.

E.P.M

The picture enhancement menu appears.

2 Select the picture enhancement by pressing ▲ / ▼, then press ◄ / ► to make your selections.

Each time you press the ◄ / ► button, the picture enhancement changes.

■ **To exit the picture enhancement selection**

Press **E.P.M.** again.

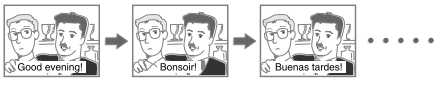
E.P.M

Notes

- Actual effect to picture may vary depending on the TV. Make selection according to your preference.
- E.P.M. Contrast control is not effective on HDMI output.

Selecting Subtitles

You can display subtitles on the TV screen and select a subtitle language from those included on the DVD.



DVD Selecting a subtitle language

1 Press SUBTITLE during playback.

SUBTITLE

The current subtitle setting is displayed.

e.g.

■ **To turn subtitles on or off**

1. Press SUBTITLE during playback.
2. Press SUBTITLE repeatedly until the Off is displayed.

Notes

- Some DVDs are set to display subtitles automatically, and you cannot turn them off even if you set the subtitle function to off.
- During some scenes, the subtitles may not appear immediately after you select your desired.
- Some DVDs will allow you to make subtitle selections and turn subtitles on or off only via the disc menu.

2 Press SUBTITLE while the subtitle setting is displayed on the TV screen.

Each time you press the SUBTITLE button, the subtitle languages included on the DVD change.

e.g.

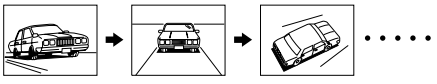
To turn off the subtitle setting display, press the SUBTITLE button repeatedly until Off is displayed.

Notes

- When you turn on the DVD player or replace a disc, the player returns to the initial default setting.
- When you select a subtitle language which is not included on the disc, the DVD player plays a prior language programmed on the disc.
- During some scenes, the subtitles may not appear immediately after you change the subtitle language.

Selecting the Camera Angle

If the scene was recorded from multiple angles, you can easily change the camera angle of the scene you are watching.



DVD Changing the camera angle

1 Press ANGLE while playing a scene recorded with multiple angles.

ANGLE

While playing a scene recorded with multiple angles, press the ANGLE button.

e.g. 2/3

Number changes to show the number of the current angle. (The maximum number of possible angles is 9)

2 Press ANGLE while the angle number is displayed on the TV screen.

ANGLE

Press the ANGLE button repeatedly to change the scene to the next angle in those recorded.

- About two seconds later, playback continues from the new angle you selected.
- If no button is pressed within 10 seconds, playback continues without changing the current angle.

■ To resume normal playback

Press ANGLE repeatedly until the " 1/3 " is displayed.

Notes:

- This function can only be used for discs on which scenes shot from multiple angles have been recorded.
- If only one angle is recorded, " 1/1 " is displayed.

Selecting a Language

You can select a preferred language and sound recording system from those included on the DVD.

DVD VCD Selecting a playback audio setting

1 Press AUDIO during playback.

AUDIO

The current audio setting is displayed.

e.g. 2/4 D 2 Ch Eng

Recorded audio format number changes sequentially. (The maximum number of possible audio formats is 8.)

The abbreviation of the language appears instead of the language name. Refer to the list of languages and their abbreviations 38.

2 Press AUDIO while the audio setting is displayed on the TV screen.

AUDIO

Each time you press the AUDIO button, the audio settings included on the DVD change.

The audio setting display will disappear after a few seconds.

Notes

- When you turn on the DVD player or replace a disc, player returns to the initial default setting.
  If you select a sound track which is not included on the disc, the DVD player plays a prior sound track programmed on the disc.
- Some discs allow you to change audio selections only via the disc menu. If this is the case, press the MENU button and choose the appropriate language from the selections on the disc menu.

■ Selecting sound channels of VIDEO CDs

AUDIO

Press AUDIO repeatedly during playback to hear a different audio channel (Stereo, Left, Right or Mix).

On-screen Display Operation

When you turn on the on-screen display, you can view information on operational status and access features and settings.

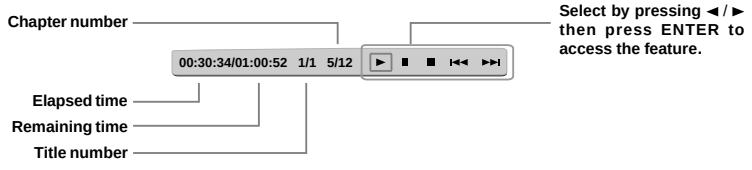
DVD VCD CD On-screen display operation

Press NAVI.

NAVI

The following display appears.

e.g. When playing a DVD.


Chapter number
Select by pressing ◄ / ► then press ENTER to access the feature.
00:30:34/01:00:52 1/1 5/12
Elapsed time
Remaining time
Title number

■ Features

Title number (Track number)

Chapter number

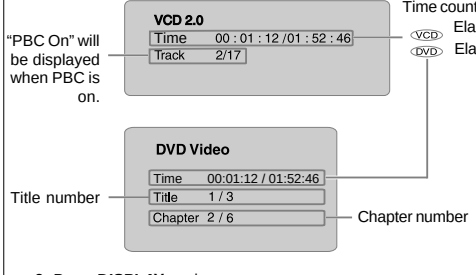
Elapsed time of the current title or track

Remaining time of the current title or track

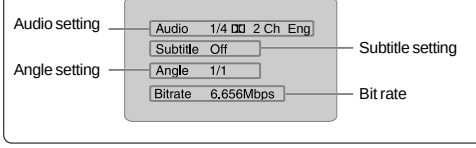
► : To start playback.
❚❚ : To pause playback.
■ : To stop playback.
⏮ : Playback starts from the beginning of the current chapter or track.
⏭ : To locate succeeding chapters or tracks.

■ Viewing the operational status

1. Press **DISPLAY.**
   The following display appears.


VCD 2.0
Time 00 : 01 : 12 /01 : 52 : 46
Track 2/17
"PBC On" will be displayed when PBC is on.
Time counter
VCD Elapsed time / remaining time of the current track
DVD Elapsed time / remaining time of the current title

2. Press **DISPLAY** again.



3. To turn off the display, press **DISPLAY** again.

Bit rate (Mbit/s)

Amount of picture, sound and subtitle data in the DVD transferred per second.
The larger the value is, the more data processed, but this does not necessarily insure better picture quality.

Playing MP3 Files

You can play MP3 files that have been recorded on a CD-R or CD-RW on the DVD player.

Playing MP3 files

Preparations

- Make sure that a disc you want to play is compatible with this DVD player.

1 **Place a CD that contains MP3 files on the disc tray.**

2 **Press OPEN/CLOSE to load the disc.**

OPEN/CLOSE

3 **To stop playback, press STOP.**

STOP

Selecting a specific time of the current track

1. Press **T.**
2. Enter the time to select a specific time you want to play.
3. Press **ENTER** to begin playback of the selected time.

Notes

- Letter of a file/folder name overflowing the given space are not displayed.
- You can play in fast reverse or fast forward during MP3 playback.

To pause playback

Press **PAUSE/STEP** during playback.

PAUSE/STEP

To resume normal playback, press the PLAY button.

Notes

- Some discs may not permit this operation.
- The COAXIAL DIGITAL AUDIO OUT jack outputs MP3 sounds in the linear PCM format regardless of the current "Digital Output" selection.
- The SKIP function is also available.

Playable files

MP3 disc compatibility with this player is limited as follows:

• Playable discs:	CD-R (650MB / 74 min. only) CD-RW may not be compatible.
• Sampling Frequency:	44.1 kHz only
• Bit rate:	32 kbps - 320 kbps (CBR*)
• CD physical format:	Mode 1, Mode 2 XA Form 1
• File system:	ISO9660 Level 1, 2 or Joliet
• File name:	A file name should be in alphabet and numerals only, and must incorporate "MP3" extension. e.g. "********.MP3".
• Total number of folders:	Less than 256
• Total number of files:	Less than 1000

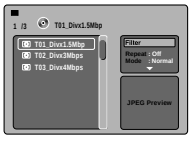
* CBR = Constant Bit Rate

Note: When the MP3 file is out of the above specifications, the song may be skipped or muted with counter moving.

Play modes for MP3/CD/DivX®

When you play MP3/CD/DivX®, user are able to modify the Play modes through the Toolkit which appears on the right of below picture on the screen. Press ◄/► buttons to navigate between the windows and ▲/▼ buttons to select files/tracks or play mode items. Then press ENTER button. Please refer to below steps to playback files/tracks in the Program view list:

1. Select Edit mode in the Toolkit then press ENTER button to start edit mode.
2. Select a file/track or more files/tracks you want in the original view list with the ENTER button.
3. Select Add to program in the Toolkit then press ENTER. "✓" will disappear from the screen. It means that the files/tracks you have selected already added into the program view list.
4. Select Program view in the Toolkit then press ENTER to open the files/tracks in the Program view list that you already selected in step 2.
5. Press PLAY to playback all files/tracks in the Program view list.



The Toolkit has the following play mode items:

- **Filter (Audio/Photo/Video)**: Sets file filters.
- **Repeat (Off/Track/All)**:
  Off: Resumes normal playback.
  Track: Repeats the current track/file.
  All: Repeats all files on the current folder or all tracks on the disc.
- **Mode (Normal/Shuffle/Music Intro)**:
  Normal: Resumes normal playback.
  Shuffle: Playbacks track/file in random order.
  Music Intro: Only playbacks the first 10 seconds of all the files on the current folder or all tracks on the disc.
- **Edit mode**: Memory operation works only when Edit mode is selected. After finish storing the files/tracks you want into the Program view list, select "Edit mode" again and press ENTER to release edit mode.
- **Program view**: To view tracks/files in the Program view list. It is disabled when the Program view list is empty.
- **Add to program**: Add files/tracks to the Program view list. It is disabled if the Edit mode is not selected. (The maximum number of files/tracks can be added is 30.)
- **Browser view**: To view files/tracks in the original view list.
- **Clear program**: Delete the files/tracks in the Program view list. Select a file/track or more you want to delete in stop mode. "✓" will appear besides the deleted file/track. Select Clear program and then press ENTER. It is disabled if the Edit mode is not selected.

This DVD player requires discs/recordings to meet certain technical standards in order to achieve optimal playback quality. Pre-recorded DVDs are automatically set to these standards. There are many different types of recordable disc formats (including CD-R containing MP3 files). Because this area of technology is still evolving, Toshiba cannot guarantee that all recordable discs will produce optimal playback quality. The technical criteria set forth in this owner's manual are meant only as a guide.

Please be advised that you must obtain permission from the applicable copyright owners to download copyrighted content, including music files, in any format, including the MP3 formats, prior to the downloading thereof. Toshiba has no right to grant and does not grant permission to download any copyrighted content.

Viewing JPEG Files

You can play JPEG files that have been recorded on a CD-R or CD-RW on the DVD player.
You can select a preferred view: a page of 9 thumbnail images or a single image view.
Also, rotating, enlarging and shifting of each image can be possible.

Viewing JPEG files

■ Preparations

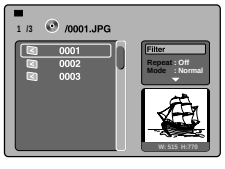
- Prepare a disc that contains JPEG files you want to view (see next page for Jpeg files compatibility). In Setup Menu, it is preferred to select “Original” for “View Mode”.
- Make your TV shape conform to the 4:3 picture size. Only 4:3 pictures can be played regardless of the function settings via the on-screen displays of the DVD player. If the TV is adjusted to other sizes, e.g. “16:9”, images will appear to be horizontally expanded. For details, refer to the owner’s manual of your TV.

1 Press OPEN/CLOSE to open the disc tray, place a disc that contains JPEG files.

OPEN/CLOSE

Press OPEN/CLOSE to close the disc tray. A list of folders/files will appear on the screen.

A list of files in the disc appears. (Selection mode) e.g.



ENTER

Press ▲ / ▼ button to select your desired file, and then press ENTER or PLAY button to start playback.
Press STOP to display a folder list.

STOP

Note: When you press ▲ / ▼ button to select the left file, the selected picture will appear at the lower right corner.

■ **To quit the JPEG playback, press STOP.**

STOP

- Pressing the OPEN/CLOSE button to open the disc tray can also quit the playback.

■ **To pause playback**

Press PAUSE/STEP during playback

PAUSE/STEP

To resume normal playback, press PLAY.

■ **To change the image**

SKIP ▶▶| To view the succeeding image, press SKIP ▶▶|.

SKIP |◀◀ To view the previous image, press SKIP |◀◀.

■ **To magnify image**

Press ZOOM repeatedly.

ZOOM

Each time you press the ZOOM button, the magnification level changes as follows:

Q 1 → Q 2 → Q 3 → Q Off

Press the ▲ / ▼ / ◄ / ► buttons to view a different part of the image. You may move the image from the centre position to UP, DOWN, LEFT and RIGHT direction. When you reach the edge of the image, the display will not shift anymore in that direction.

■ **To rotate an image**

Press the ANGLE button repeatedly. The image will rotate in the clockwise direction as follows:

ANGLE

90° → 180° → 270° → No Rotation (original) →

■ **To resume normal playback**

Press the ZOOM repeatedly until the Q Off is displayed.

ZOOM

- Original picture is restored when the Q Off appears.
- Depending on the file size, some files may not display the entire image.

Viewing a thumbnail view

1 Press TOP MENU in full-screen review.

TOP MENU

e.g.

ENTER

Press the ▲ / ▼ / ◄ / ► to select an image, press PLAY to view one image in full-screen and automatically images will be displayed one by one again in a few seconds.

■ **Turn the page if necessary**

Press SKIP |◀◀ / ▶▶| to review other thumbnail screen.

SKIP ▶▶| SKIP |◀◀

Playing DivX®/MPEG-4 Files

You can play DivX® and MPEG-4 files that have been recorded on a CD-R or CD-RW on the DVD player.

Playing DivX®/MPEG-4 files

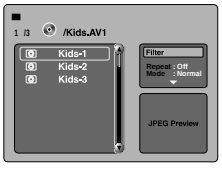
1 Press OPEN/CLOSE to open the disc tray, place a disc that contains DivX® or MPEG-4 files.

OPEN/CLOSE

Press OPEN/CLOSE to close the disc tray, after completion of reading, a list of folders in the disc will appear.

A list of folders in the disc appears.

e.g.



Press ▲/▼ to select your desired file, and then press ENTER or PLAY button to start playback.

Press STOP to display a folder list.

PLAY

■ Playable files

DivX® / MPEG-4 disc compatibility with this player is limited as follows:

- Playable discs: CD-R (650MB / 74 min. only) CD-RW may not be compatible.
- DivX® versions: DivX® 3.11, 4.12, 5.0, 5.1
- Audio format: CBR MP3, VBR MP3, Mono MP3, DivX® AC3
- Enhance video: GMC, Qpel, Progressive B-frames
- Frame rate: 8 to 25 fps
- CD physical format: Mode 1, Mode 2 X A Form 1
- File system: ISO9660 Level 1, 2 or Joliet
- File name: A file name should be in alphabet and numerals only, and must incorporate “MPG” or “AVI” extension. e.g. “ *******.MPG ”, “ *******.AVI ”
- Total number of folders: Less than 256
- Total number of files” Less than 1000

Notes

- It is recommended you record same kind of files in a CD-R or CD-RW.
- Some DivX® Video-On-Demand files may require registration code of your DVD player, you may get the code in Default settings.

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JPEG files compatibility

Discs whose compatibility with this DVD player has been confirmed by TOSHIBA are as follows.

CANON QuickCD FUJICOLOR CD
Kodak Picture CD NORITSU QSS CD

JPEG disc compatibility with this DVD player is limited as follows:

- Playable discs: CD-R (650MB / 74 min. only) CD-RW may not be compatible.
- CD physical format: Mode 1, Mode 2 XA Form 1
- File system: ISO9660 Level 1, 2 or Joliet
- File name: A file name should be in alphabet and numerals only, and must incorporate “JPG” extension. e.g.“********.JPG” (Do not name the file with “JPE” or “JPEG” extension.)
- Total number of folders: Less than 256
- Total number of files: Less than 1000

Depending on the file size, some files may not display the entire image.
Some discs may not permit this operation. Especially, the following conditions of included files will increase the disc's disability.
1. Pixels over 3072 x 2048 in height and/or width
2. File format except Exif

Customizing the Function Settings

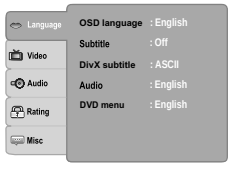
You can change the default settings to customize performance to your preference.

DVD VCD CD Setting procedure

1 Press SETUP during stop.

SETUP

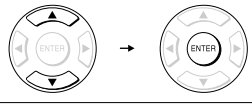
The following on-screen display appears.



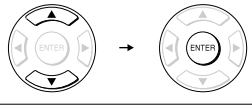
2 Press ▲ / ▼ to select an option for the setting you want to change, then press ►.

Language settings
Video settings
Audio settings
Rating settings
Misc settings

3 Press ▲/▼ to select the setting you want to change, then press ENTER.



4 Change the selection by ▲/▼ buttons, by referring to the corresponding pages, then press ENTER.



5 Repeat steps 3 and 4 to change other settings.

To select another option, press ◄ button to go back to step 2.

6 Press SETUP.

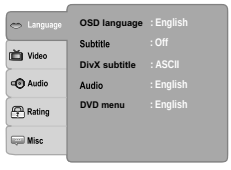
SETUP

The on-screen display disappears.

Note
To quit the procedure, press the SETUP button to turn off the on-screen display.

Setting details

Language



OSD Language DVD VCD CD

English: To view on-screen displays in English.
Français: To view on-screen displays in French.
Español: To view on-screen displays in Spanish.
Deutsch: To view on-screen displays in German.
Italiano: To view on-screen displays in Italian.
Portuguese: To view on-screen displays in Portuguese.
Nederlands: To view on-screen displays in Dutch.
Dansk: To view on-screen displays in Danish.
Suomi: To view on-screen displays in Finnish.
Polski: To view on-screen displays in Polish.
Türkçe: To view on-screen displays in Turkish.

1) Press SETUP button.
2) Press ► button to select **OSD language**.
3) Press ENTER button, then use the ▲ / ▼ button to select a preferred language.
4) Press ENTER button.
5) Press SETUP button to exit the menu.

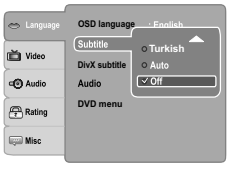
Subtitle DVD

To select a preferred language (English, French, Spanish, German, Italian, Portuguese, Dutch, Danish, Finnish, Polish or Turkish) for subtitles.
Auto: To display subtitles in different languages other than you selected.
Off: To disable subtitles.

1) Press SETUP button.
2) Press ► button then use the ▲ / ▼ button to select **Subtitle**.
3) Press ENTER button, then use the ▲ / ▼ button to select a preferred language.
4) Press ENTER button.
5) Press SETUP button to exit the menu.

Customizing the Function Settings (continued)

Setting details



Notes

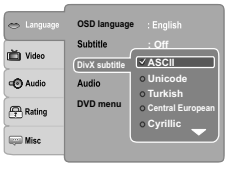
- Some DVDs may be set to display subtitles in a different language other than you selected. A prior subtitle language may be programmed on the disc.
- Some DVDs allow you to change subtitle selections only via the disc menu. If this is the case, press the MENU button and choose the appropriate subtitle language from the selection on the disc menu.

DivX® Subtitle

If your DivX® files include a subtitle file, then you may select a supported DivX® subtitle language by region:

ASCII	Cyrillic
Unicode	Greek
Turkish	Hebrew
Central European	

1) Press SETUP button.
2) Press ► button, then use the ▲ / ▼ button to select **DivX Subtitle**.
3) Press ENTER button, then use the ▲ / ▼ button to select a preferred DivX® subtitle language.
4) Press ENTER button.
5) Press SETUP button to exit the menu.



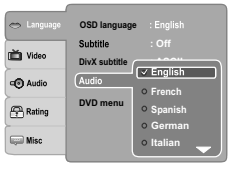
Notes

- If your DivX® files do not include the subtitle file, you cannot use this selection.
- Supported subtitle file formats:
  .srt, .sub, .txt, .smi, .ssa.

Audio

To select a preferred language (English, French, Spanish, German, Italian, Portuguese, Dutch, Danish, Finnish, Polish or Turkish) for the sound track.

1) Press SETUP button.
2) Press ► button, then use the ▲ / ▼ button to select **Audio**.
3) Press ENTER button, then use the ▲ / ▼ button to select a preferred language.
4) Press ENTER button.
5) Press SETUP button to exit the menu.



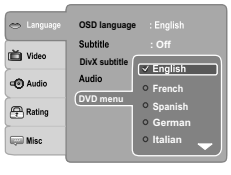
Note

Some DVDs may not be played in a different language than you selected. A prior language may be programmed on the disc.

DVD Menu (DVD)

To select a preferred language (English, French, Spanish, German, Italian, Portuguese, Dutch, Danish, Finnish, Polish or Turkish) for DVD menu.

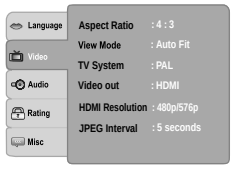
1) Press SETUP button.
2) Press ► button, then use the ▲ / ▼ button to select **DVD menu**.
3) Press ENTER button, then use the ▲ / ▼ button to select a preferred language.
4) Press ENTER button.
5) Press SETUP button to exit the menu.



Note

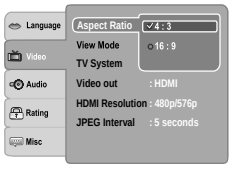
Some DVDs may not include your pre-selected language. In this case, the DVD player automatically displays disc menus consistent with the disc's initial language setting.

Video



Aspect Ratio DVD

1) Press SETUP button.
2) Press ▲ / ▼ button to select **Video**.
3) Press ► button, then use the ▲ / ▼ button to select **Aspect Ratio**.
4) Press ENTER button, then use the ▲ / ▼ button to shift and change the TV type.
5) Press ENTER button.
6) Press SETUP button to exit the menu.



4:3 Select when a standard 4:3 TV is connected.
Displays pictures cropped to fill your TV screen. Either or both sides of the picture are cut off.

16:9 Select when a 16:9 TV is connected.

Notes

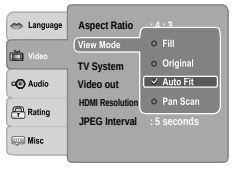
- The displayable picture size is preset on the DVD. Therefore, the playback picture of some DVDs may not conform to the picture size you select.
- When you play DVDs recorded in the 4:3 picture size only, the playback picture always appears in the 4:3 picture size regardless of the TV shape setting.
- If you select "16:9" and you own a 4:3 TV set, the DVD playback picture will be horizontally distorted during playback. Images will appear to be horizontally compressed. Always be sure that your TV shape conforms to the actual TV in use.

View Mode DVD

The user may select one of the following options:

Fill: Fll the screen with decoded image.
Original: Display image as it original size. "Original" is preferred for Jpeg viewing.
Auto Fit: Automatically fit the decoded image on screen without distortion.
Pan Scan: Automatically display decoded image on full screen without distortion.

1) Press SETUP button.
2) Press ▲ / ▼ button to select **Video**.
3) Press ► button, then use the ▲ / ▼ button to select **View Mode**.
4) Press ENTER button, then use the ▲ / ▼ button to the options (Fill, Original, Auto Fit, or Pan Scan).
5) Press ENTER button.
6) Press SETUP button to exit the menu.



Pan Scan

Select when a standard 4:3 TV is connected. Displays pictures cropped to fill your TV screen. Either or both sides of the picture are cut off.

Auto Fit

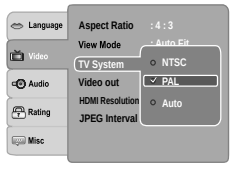
Automatically fit the decoded image on screen without distortion. Black bars will be present on top/bottom or left/right of screen.

Note

Depending on the DVDs, you may not be able to view the mode as selected.

TV System

1) Press SETUP button.
2) Press ▲ / ▼ button to select **Video**.
3) Press ► button, then use the ▲ / ▼ button to select **TV System**.
4) Press ENTER button, then use the ▲ / ▼ button to shift and change the TV system.
5) Press ENTER button.
6) Press SETUP button to exit the menu.



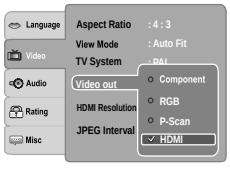
NTSC: Select if your TV system is NTSC.
PAL: Select if your TV system is PAL.
Auto: The DVD player automatically identifies PAL or NTSC video system of a disc. Connect a multisystem TV (PAL / NTSC compatible) to view a picture. A playback picture may be distorted when detected a signal change between PAL and NTSC on the disc. For the case of Progressive mode, your multisystem TV must be able to support 525p and 625p.

Customizing the Function Settings (continued)

Setting details

Video Output (DVD VCD CD)

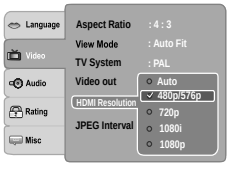
1) Press SETUP button.
2) Press ▲ / ▼ button to select **Video**.
3) Press ► button, then use the ▲ / ▼ button to select **Video Out**.
4) Press ENTER button, then use the ▲ / ▼ button to select the output mode (Component, RGB, P-Scan or HDMI).
5) Press ENTER button.
6) Press SETUP button to exit the menu.



Component: Select if you connect the DVD to your TV which has component video inputs.
RGB: Select if you connect the DVD to your TV which has RGB inputs by scart cable.
P-Scan: Select if you connect the DVD to your TV which has component video inputs that support progressive scan.
HDMI: High Definition Multimedia Interface. Select if you connect the DVD to TV via HDMI input.

HDMI Resolution

1) Press SETUP button.
2) Press ▲ / ▼ button to select **Video**.
3) Press ► button, then use the ▲ / ▼ button to select **HDMI Resolution**.
4) Press ENTER button, then use the ▲ / ▼ button to select the options (Auto, 480p/576p, 720p, 1080i or 1080p).
5) Press ENTER button.
6) Press SETUP button to exit the menu.

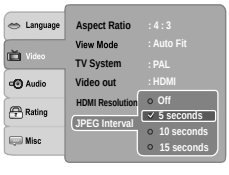


Notes
- Supported HD JPEG Mode:
  Auto, 480p/576p, 720p, 1080i and 1080p.
- If the Video Output is not set to "HDMI", you cannot select the "HDMI Resolution".

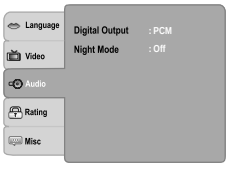
JPEG Interval

1) Press SETUP button.
2) Press ▲ / ▼ button to select **Video**.
3) Press ► button, then use the ▲ / ▼ button to select the **JPEG Interval**.
4) Press ENTER button, then use the ▲ / ▼ button to shift and change the JPEG Interval.
5) Press ENTER button.
6) Press SETUP button to exit the menu.

Off: Plays back one file at a time.
5 seconds: Plays back images in the form of a slide show at 5 seconds interval.
10 seconds: Plays back images in the form of a slide show at 10 seconds interval.
15 seconds: Plays back images in the form of a slide show at 15 seconds interval.



Audio

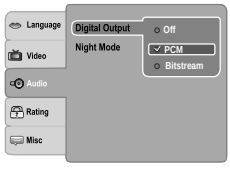


Digital Output (DVD VCD CD)

Selects the output sound format corresponding to your system connection.
1) Press SETUP button.
2) Press ▲ / ▼ button to select **Audio**.
3) Press ► button, then use the ▲ / ▼ button to select **Digital Output**.
4) Press ENTER button, then use the ▲ / ▼ button to select the output sound format.
5) Press ENTER button.
6) Press SETUP button to exit the menu.

PCM: Select when connected to a Multi-channel digital stereo amplifier. The DVD player outputs sound in the PCM Multi-channel format when you play a DVD recorded on the Dolby Digital, MPEG1 OR MPEG2 recording system.

Bitstream: Disc audio raw data will be output. Select "Bitstream" if your amplifier supports "DTS".
Off: To disable Digital Output.

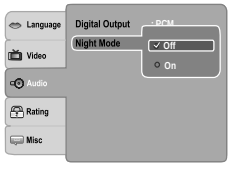


Notes
- When you make a connection to a TV, Dolby Surround Pro Logic or stereo system via the analogue audio jacks, select "PCM" or "Bitstream".
- If this DVD player is connected to a TV using HDMI, make sure to select "PCM".

Night Mode DVD VCD CD

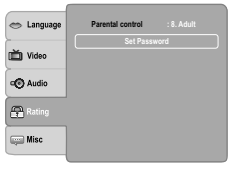
Night mode is equivalent to Dynamic Range Compress. When it is On, it reduces the variations between loud and soft sounds in audio output. You can still hear softer sounds and dialog even in very low volume.

1) Press SETUP button.
2) Press ▲ / ▼ button to select **Audio**.
3) Press ► button, then use the ▲ / ▼ button to select **Night Mode**.
4) Press ENTER button, then use the ▲ / ▼ button to select the On or Off mode.
5) Press ENTER button.
6) Press SETUP button to exit the menu.



Note
Night mode is Dynamic Range Control (DRC) option for analogue audio output.

Rating



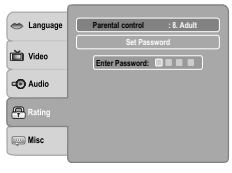
Parental Control DVD

DVDs equipped with the password function are rated according to their content. The contents allowed by a parental lock level and the way a DVD can be controlled may vary from disc to disc.

For example, if the disc allowed, you could edit out violent scenes unsuitable for children and replace them with more suitable scenes, or you could lock out playback of the disc altogether.

- DVDs may or may not respond to the parental lock settings. This is not a defect in the DVD player. Make sure this function works with your DVDs.

1) Press SETUP button.
2) Press ▲ / ▼ to select **Rating**.
3) Press ► button to select **Parental control**, then press ENTER button. "Enter Password" screen will appear.



4) Press "8888" using number buttons. (Please note, this is presetting password of this unit). Then press ENTER. Press ENTER again to list the parental level.

   The parental lock level is equivalent to the following ratings:

   Level 1: Kid Safe
   Level 2: G
   Level 3: PG
   Level 4: PG-13
   Level 5: PG-R
   Level 6: R
   Level 7: NC-17
   Level 8: Adult

5) Press ▲ / ▼ to select the rating from 1 to 8. Rating one (1) has the most restrictions while rating eight (8) can virtually playback all DVD software.
6) Press OPEN/CLOSE button to activate the Parental Level setting.
   If the DVD has been designed to temporarily cancel the Parental Level, the screen will change depending on which disc is played. If you select "YES" with the ENTER button, "Enter Password" screen will appear. Input the 4-digit password as you have set then followed by ENTER button and playback will start. If "NO" is selected, press the OPEN/CLOSE to remove the disc.

Notes
- If you input a wrong password, press CLEAR button and re-enter your 4-digit password again.
- You cannot play DVDs rated higher than the level you selected unless you cancel the parental lock function.

Customizing the Function Settings (continued)

Setting details

Set Password (DVD)

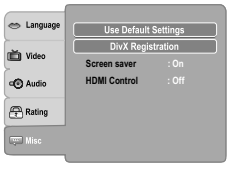
New Password can be set to replace the default password.

1) Press SETUP button.
2) Press ▲ / ▼ button to select **Rating**.
3) Press ► button, then use the ▲ / ▼ button to select **Set Password**.
4) Press ENTER button. “Enter Password” screen will appear.
5) Press the number buttons to input the current password (If the password has not been set yet after you purchase this unit, it is “8888”). Then press ENTER.
6) Press ENTER button again, “New Password” screen will appear. Press the number buttons to input the new password.
7) Press ENTER button, “Confirm Password” screen will appear. Enter the same password again for confirmation.
8) Press ENTER button. Now your new password has been set. Be sure to remember this number!

If you forget the password, you can erase your current password by pressing number button 8 on the remote control four times, then press ENTER button to confirm the setting.

PASSWORD: 8888

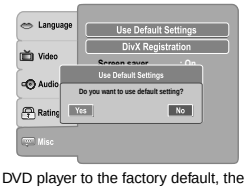
Misc



Use Default Settings (DVD) (VCD) (CD)

If you want to return the inital language setting such as Language, Video, Audio and etc. to the factory default, do the following:

1) Press SETUP button.
2) Press ▲ / ▼ button to select **Misc**.
3) Press ► button to select **Use Default Settings**, then press ENTER button.
4) Press ◄ / ► button to select “Yes”, then press ENTER button. The original setting will be restored.

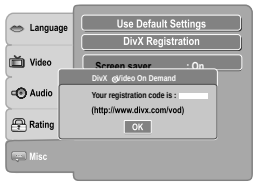


Note
When you reset the DVD player to the factory default, the DVD player will take 3-5 seconds to reset.

DivX® Registration

Some DivX® Video-On-Demand files required registration code, please get the code of your DVD player as follow:

1) Press SETUP button.
2) Press ▲ / ▼ button to select **Misc**.
3) Press ► button, then use the ▲ / ▼ button to select **DivX Registration**.
4) Press ENTER button, your registration code will be shown.
5) Press ENTER button.
6) Press SETUP button to exit the menu.

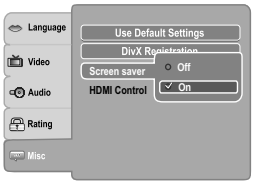


Note
This registration code is for DivX® Video-On-Demand only. Do not apply this code for other applications or websites.

Screen Saver

To turn on or off the screen saver (screen protection to prevent image burn).

1) Press SETUP button.
2) Press ▲ / ▼ button to select **Misc**.
3) Press ► button, then use the ▲ / ▼ button to select **Screen saver**.
4) Press ENTER button, then use the ▲ / ▼ button to select the On or Off mode.
5) Press SETUP button to exit the menu.

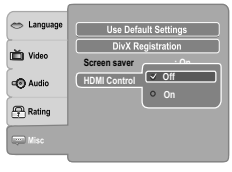


Note
When you leave the unit in DVD stop mode for approximately 2 minutes, the screen saver of the DVD player automatically appears if you set the Screen saver to On mode. To turn off the screen saver, press the PLAY button.

HDMI Control

You can control this DVD unit from TV's remote which is connected via HDMI cable.

1) Press SETUP button.
2) Press ▲/▼ button to select **Misc**.
3) Press ► button, then use the ▲/▼ button to select **HDMI Control**.
4) Press ENTER button, then use the ▲/▼ button to select the On or Off mode.
5) Press SETUP button to exit the menu.



Off: To deactivate HDMI Control.
On: To activate HDMI Control.

Functions available for the HDMI Control

- **One touch play**
  When the operations with following buttons of this unit's remote control are performed, the TV will automatically switch to appropriate input channel.
  Button for one touch play: [**PLAY**] (make sure a disc is inserted.)

- **System information**
  Get & Set Menu Language:
  This unit recognizes the OSD languages set for the TV and automatically set the same language as the player menu language (OSD menu language) for this unit.
  Power off:
  When you turn the TV off, this unit will automatically turns off.
  Receiving operational signal from TV's Remote:
  You can operate this unit with TV's remote control. Check your TV owner's manual for details.

Notes

- This function may not work properly depending on the TV you are connecting.
- If the Video Output is not set to "HDMI", HDMI Control will not work.
- Other components must be compatible with HDMI Control in order to use this function.

Table of Languages

Table of languages and their abbreviations

Abbreviation	Language
– – –	No alternate language
CHI (ZH)	Chinese
DUT (NL)	Dutch
ENG (EN)	English
FRE (FR)	French
GER (DE)	German
ITA (IT)	Italian
JPN (JA)	Japanese
KOR (KO)	Korean
MAY (MS)	Malay
SPA (ES)	Spanish
AA	Afar
AB	Abkhazian
AF	Afrikaans
AM	Amharic
AR	Arabic
AS	Assamese
AY	Aymara
AZ	Azerbaijani
BA	Bashkir
BE	Belorussian
BG	Bulgarian
BH	Bihari
BI	Bislama
BN	Bengali, Bangla
BO	Tibetan
BR	Breton
CA	Catalan
CO	Corsican
CS	Czech
CY	Welsh
DA	Danish
DZ	Bhutani
EL	Greek
EO	Esperanto
ET	Estonian
EU	Basque
FA	Persian
FI	Finnish
FJ	Fiji
FO	Faroese
FY	Frisian
GA	Irish
GD	Scottish Gaelic
GL	Galician

Abbreviation	Language
GN	Guarani
GU	Gujarati
HA	Hausa
HI	Hindi
HR	Croatian
HU	Hungarian
HY	Armenian
IA	Interlingua
IE	Interlingue
IK	Inupiak
IN	Indonesian
IS	Icelandic
IW	Hebrew
JI	Yiddish
JW	Javanese
KA	Georgian
KK	Kazakh
KL	Greenlandic
KM	Cambodian
KN	Kannada
KS	Kashmiri
KU	Kurdish
KY	Kirghiz
LA	Latin
LN	Lingala
LO	Laotian
LT	Lithuanian
LV	Latvian, Lettish
MG	Malagasy
MI	Maori
MK	Macedonian
ML	Malayalam
MN	Mongolian
MO	Moldavian
MR	Marathi
MT	Maltese
MY	Burmese
NA	Nauru
NE	Nepali
NO	Norwegian
OC	Occitan
OM	(Afan) Oromo
OR	Oriya
PA	Panjabi
PL	Polish
PS	Pashto, Pushto

Abbreviation	Language
PT	Portuguese
QU	Quechua
RM	Rhaeto-Romance
RN	Kirundi
RO	Rumanian
RU	Russian
RW	Kinyarwanda
SA	Sanskrit
SD	Sindhi
SG	Sango
SH	Serbo-Croatian
SI	Singhalese
SK	Slovak
SL	Slovenian
SM	Samoan
SN	Shona
SO	Somali
SQ	Albanian
SR	Serbian
SS	Siswati
ST	Sesotho
SU	Sundanese
SV	Swedish
SW	Swahili
TA	Tamil
TE	Telugu
TG	Tajik
TH	Thai
TI	Tigrinya
TK	Turkmen
TL	Tagalog
TN	Setswana
TO	Tongan
TR	Turkish
TS	Tsonga
TT	Tatar
TW	Twi
UK	Ukrainian
UR	Urdu
UZ	Uzbek
VI	Vietnamese
VO	Volapük
WO	Wolof
XH	Xhosa
YO	Yoruba
ZU	Zulu

Before Calling Service Personnel

Check the following guide for the possible cause of a problem before contacting service.

Symptoms and correction

Sympton	Cause	Correction	Page
No power.	• The power plug is disconnected.	• Connect the power plug securely into the wall outlet.	12-14
The DVD player turned off by itself.	• The automatic power off function turned the unit off.	• Press the PLAY button.	18
No picture or abnormal color (pinkish, greenish, etc.).	• The TV is not set to receive DVD signal output.	• Select the appropriate video input mode on the TV so the picture from the DVD player appears on the TV screen.	18
	• The video/HDMI cable is not connected securely.	• Connect the video/HDMI cable securely into the appropriate jacks.	12-14
	• Mismatch setting between TV and this unit.	• Select the correct Video Output setting.	34
	• Wrong connection.	• Check the connection.	12-14
	• PROGRESSIVE button is pressed on a TV equipped with component video input jacks but does not support progressive scan.	• Toggle PROGRESSIVE button to turn off progressive mode.	13
No sound.	• The equipment connected with the audio cable is not set to receive DVD signal output.	• Select the correct input mode of the audio receiver so you can listen to the sound from the DVD player.	18
	• The audio cable is not connected securely.	• Connect the audio cable securely into the appropriate jacks.	12-17
	• The audio receiver or TV is turned off.	• Turn on the equipment connected with the audio cable.	18
	• The setting of output sound format is incorrect.	• Select the proper audio setting.	34
The playback picture has occasional distortion.	• The disc is dirty.	• Remove the disc and clean it.	6
	• It is in fast forward or fast reverse playback.	• Sometimes a small amount of picture distortion may appear. This is not a malfunction.	-
Brightness is unstable or noises are present in the playback pictures.	• The effect of copy protection.	• Connect the DVD player directly to the TV. Avoid connecting the DVD player to a VCR or TV/VCR combination.	12
The DVD player does not start playback.	• No disc is inserted.	• Insert a disc.	18
	• An unplayable disc is inserted.	• Insert a playable disc. (Check the disc type and color system.)	7
	• The disc is placed upside down.	• Place the disc with the playback side down.	18
	• The disc is not placed within the guide.	• Place the disc correctly inside the guide on the disc tray.	18
	• The disc is dirty.	• Clean the disc.	6
	• The parental lock function is set.	• Cancel the parental lock function or change the parental lock level.	35
Playback does not follow the course of the disc's program.	• It is in the mode of repeat playback, memory playback, etc.	• These operations may prevent a proper progress of the contents.	-
Buttons do not work.	• Power supply fluctuations or other abnormalities such as static electricity may interrupt correct operations.	• Press and hold the ON/STANDBY button on the front panel for more than about 3 seconds. The DVD player turns off. Press the button again to turn it on. If the buttons still do not work, disconnect the power plug and insert it into the wall outlet again.	-
The remote control does not work properly.	• The remote control is not pointed at the remote sensor of the DVD player.	• Point the remote control at the remote sensor of the DVD player.	11
	• The remote control is too far from the DVD player.	• Operate the remote control within about 7 m.	11
	• The batteries in the remote control are exhausted.	• Replace the batteries with new ones.	11

Specifications

DVD player / outputs / supplied accessories

DVD Player

Power supply	100V - 240V AC, 50/60Hz
Power consumption	8 W (standby: 1.5W)
Mass	1.34 kg
External dimensions	430 x 42 x 197 mm (W/H/D)
Signal system	PAL/3.58 NTSC
Laser	Semiconductor laser, wavelength 650/780 nm
Frequency range	DVD linear sound : 48 kHz sampling 4 Hz to 22 kHz 96 kHz sampling 4 Hz to 44 kHz
Signal-to-noise ratio	More than 93 dB
Audio dynamic range	More than 80 dB
Harmonic distortion	Less than 0.05 %
Wow and flutter	Below measurable level (less than ±0.001 % (W.PEAK))
Operating conditions	Temperature: 5 °C to 35 °C, Operation status: Horizontal

Outputs

Video output (SCART with RGB)	1.0 V (p-p), 75 Ω, SCART socket x 1
Video output	1.0 V (p-p), 75 Ω, negative sync., pin jack x 1
Component video output	(Y) 1.0 V (p-p), 75 Ω, negative sync., pin jack x 1 (P_B)/(P_R) 0.7 V (p-p), 75 Ω, pin jack x 2
Audio output (SCART)	2.0 V (rms), 680 Ω, SCART socket x 1
Audio output (COAXIAL DIGITAL)	0.5V (p-p), 75 Ω, pin jack x 1
Audio output (ANALOG)	2.0 V (rms), 680 Ω, pin jacks (L, R) x 1
HDMI output	19 pin

Supplied Accessories

Remote control (SE-R0313) 1
Batteries (R03/AAA) 2

- This model complies with the above specifications.
- Designs and specifications are subject to change without notice.
- This model may not be compatible with features and/or specifications that may be added in the future.

Following information is only for EU-member states:
The use of the symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

TOSHIBA